

INTERNATIONAL SEARCH REPORT

International application No
PCT/GB 03/02959

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/445 C07D211/96 C07D401/12 C07D401/14 A61K31/506
A61K31/444 A61K31/4709 A61K31/4178 A61P19/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00 12477 A (BRITISH BIOTECH PHARM ; MARTIN FIONNA MITCHELL (GB)) 9 March 2000 (2000-03-09) cited in the application claims 1,6,13,17; example 6 ---	1-13
Y	WO 00 12478 A (ZENECA PHARMA SA ; TUCKER HOWARD (GB); WATERSON DAVID (GB); ZENECA) 9 March 2000 (2000-03-09) cited in the application claims 1,2,10,12-14; example 14 ---	1-13
Y	WO 00 44723 A (AMERICAN CYANAMID CO) 3 August 2000 (2000-08-03) page 111, line 21 -page 121, line 21; claims 1,4-6; examples --- -/--	1-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- 'A' document defining the general state of the art which is not considered to be of particular relevance
- 'E' earlier document but published on or after the international filing date
- 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- 'O' document referring to an oral disclosure, use, exhibition or other means
- 'P' document published prior to the international filing date but later than the priority date claimed

- 'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- 'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- 'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- '&' document member of the same patent family

Date of the actual completion of the international search

13 October 2003

Date of mailing of the international search report

27/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gavrillu, D

INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/GB 03/02959

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 65867 A (DU PONT PHARM CO) 23 December 1999 (1999-12-23) page 176, line 1 -page 182, line 7; tables 8-13 -----	1-13

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/02959

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 11 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

nation on patent family members

Intern. Application No

PCT/GB 03/02959

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0012477	A	09-03-2000	AU 5634999 A	21-03-2000
			EP 1107953 A1	20-06-2001
			WO 0012477 A1	09-03-2000
			JP 2002523492 T	30-07-2002
			US 2003050310 A1	13-03-2003
			US 6479502 B1	12-11-2002
WO 0012478	A	09-03-2000	AU 764367 B2	14-08-2003
			AU 5524799 A	21-03-2000
			BG 105369 A	31-12-2001
			BR 9913255 A	22-05-2001
			CA 2339761 A1	09-03-2000
			CN 1324347 T	28-11-2001
			EE 200100106 A	17-06-2002
			EP 1109787 A1	27-06-2001
			WO 0012478 A1	09-03-2000
			HU 0103344 A2	28-02-2002
			JP 2002523493 T	30-07-2002
			NO 20011023 A	25-04-2001
			NZ 509730 A	30-05-2003
			PL 346344 A1	11-02-2002
			SK 2702001 A3	06-08-2001
			TR 200100605 T2	21-08-2001
			ZA 200101231 A	13-05-2002
WO 0044723	A	03-08-2000	AU 2630500 A	18-08-2000
			BR 0007784 A	05-02-2002
			CA 2356313 A1	03-08-2000
			CN 1337948 T	27-02-2002
			CZ 20012711 A3	15-05-2002
			EP 1147085 A1	24-10-2001
			HU 0200223 A2	29-06-2002
			JP 2002535390 T	22-10-2002
			NO 20013678 A	20-09-2001
			WO 0044723 A1	03-08-2000
			US 6358980 B1	19-03-2002
			ZA 200105222 A	25-09-2002
WO 9965867	A	23-12-1999	US 2002086890 A1	04-07-2002
			AU 4692399 A	05-01-2000
			CA 2333554 A1	23-12-1999
			EP 1087937 A1	04-04-2001
			JP 2002518368 T	25-06-2002
			WO 9965867 A1	23-12-1999
			US 2003139597 A1	24-07-2003
			US 6429213 B1	06-08-2002